

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L11	136	craig-james.in. craig-james-\$\$.in. craig-jim\$2.in. craigh-jim\$2-\$2.in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/07 08:46
L12	6462	(spacing width pitch between) near2 mark\$3. clm.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/07 09:00
L13	4	11 and 12	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/07 09:00
L14	406	(400/582).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/07 09:09
S1	65	(sens\$3 detect\$4 discriminat\$4) near3 (mark marking tic) same jam\$4	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 17:20
S2	392762	b41j\$.ipc. b65h\$.ipc.	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 17:20
S3	32	S1 and S2	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 17:20
S4	2	"11254866"	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 17:30
S5	2	"09123544"	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 17:33
S6	1	("5980142").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/18 17:33
S7	11	("4590859"   "4880324"   "5061947"   "5086987"   "5247314"   "5526741"   "5628574").PN. OR ("5980142").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/18 17:33
S8	3	((("4531851") or ("6164848") or ("20040001131"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/18 17:34
S9	11	"575772"	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 17:36
S10	12	"934168"	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 17:37
S11	1	ep-934168-\$.did.	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 17:38
S12	1	("6380965").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/18 17:38
S13	2	("1151871").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/18 17:46

S14	8	"1151871"	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 17:46
S15	0	"11362706"	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 17:49
S16	0	ep-11362706-\$.did.	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 17:49
S17	2	ep-1362706-\$.did.	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 17:50
S18	2	"2000141775"	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 17:52
S19	2	"2000168180"	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 17:52
S20	2	"2000318249"	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 17:53
S21	1	"60184869"	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 17:57
S22	1	"05246414"	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 17:58
S23	30	("3774016"   "4437742"   "4533269"   "4680078"   "4717059").PN. OR ("5061947").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/18 18:05
S24	1	"61132379"	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 18:09
S25	2	"61134274"	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 18:09
S26	2	"05201043"	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 18:10
S27	2	"08025724"	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 18:26
S28	1	"06219023"	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 18:28
S29	1	"10589523"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/18 18:32
S30	27	(sens\$3 detect\$4 discriminat\$4) near3 (mark marking tic) same jam\$4 same label	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/18 18:33
S31	42	(sens\$3 detect\$4 discriminat\$4) near3 (mark marking tic) same jam\$4 same (label tape)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/18 18:33
S32	161148	"400"/\$.ccls. "347"/\$.ccls. "358"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/18 18:33
S33	15	S31 and S32	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/18 18:33

S34	64	(jam\$4 (irregular\$4 abnormal\$4 malfunction \$4) near2 (feed\$4 convey \$4)) with (label tape) and (photodetector sensor detector)	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 18:36
S35	12	S2 and S34 not S3	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 18:37
S36	2	"2001315738"	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 18:37
S37	99	b41j011/42.ipc. and (diode led photodiode)	FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/18 18:51
S38	10	(US-5980142-\$ or US-6380965-\$ or US-5061947-\$ or US-5515088-\$).did. or (JP-08025724-\$ or JP-06219023-\$ or JP-05050675-\$ or JP-02305666-\$ or JP-2001315738-\$ or JP-62216772-\$).did.	USPAT; JPO	OR	ON	2010/06/18 18:51
S39	4	(US-5980142-\$ or US-6380965-\$ or US-5061947-\$ or US-5515088-\$).did. or (JP-08025724-\$ or JP-06219023-\$ or JP-05050675-\$ or JP-02305666-\$ or JP-2001315738-\$ or JP-62216772-\$).did. and (diode led photodiode)	USPAT; JPO	OR	ON	2010/06/18 18:52
S40	10	(US-5980142-\$ or US-6380965-\$ or US-5061947-\$ or US-5515088-\$).did. or (JP-08025724-\$ or JP-06219023-\$ or JP-05050675-\$ or JP-02305666-\$ or JP-2001315738-\$ or JP-62216772-\$).did.	USPAT; JPO	OR	ON	2010/06/18 19:17
S41	737803	(led diode photodiode)	USPAT; JPO	OR	ON	2010/06/18 19:17
S42	2	S40 and S41	USPAT; JPO	OR	ON	2010/06/18 19:17
S43	3733	(jam\$4 (irregular\$4 abnormal\$4 malfunction \$4) near2 (feed\$4 convey \$4)) with (label tape web media strip sheet) same (photodetector sensor detector phototransistor)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/18 19:25
S44	161148	"400"/\$.ccls. "347"/\$.ccls. "358"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/18 19:25

S45	745	S43 and S44	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/18 19:25
S46	203268	(mark tic marking marker line bar) near6 (photodetector sensor detector phototransistor)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/18 19:25
S47	154	S45 and S46 and @ad< "20040220"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/18 19:26
S48	203268	(mark marker marking tic line bar) near6 (photodetector sensor detector phototransistor)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/18 19:27
S49	94195	(mark marker marking tic line bar) near6 (diode photodiode led phototransistor)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/18 19:28
S50	39	S45 and S49 and @ad< "20040220"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/18 19:28
S51	2150	(pc computer host) with (label tape) near2 printer	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/18 20:43
S52	1194	S51 and @ad< "20040220"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/18 20:43
S53	639	(pc computer host) near4 (label tape) near1 printer	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/18 20:43
S54	290	S52 and S53	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/18 20:43
S55	58	S54 and S44	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/18 20:44
S56	11	(US-20040036915-\$).did. or (US-5980142-\$ or US- 6380965-\$ or US-5061947- \$ or US-5515088-\$).did. or (JP-08025724-\$ or JP- 06219023-\$ or JP- 05050675-\$ or JP- 02305666-\$ or JP- 2001315738-\$ or JP- 62216772-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2010/06/18 20:52
S57	1	S56 and pitch	US-PGPUB; USPAT; JPO	OR	ON	2010/06/18 20:52
S58	11	(US-20040036915-\$).did. or (US-5980142-\$ or US- 6380965-\$ or US-5061947- \$ or US-5515088-\$).did. or (JP-08025724-\$ or JP- 06219023-\$ or JP- 05050675-\$ or JP- 02305666-\$ or JP- 2001315738-\$ or JP- 62216772-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2010/07/06 15:38
S61	1	"10589523"	US-PGPUB; USPAT; JPO	OR	ON	2010/07/06 15:40

S62	7257946	(compar\$4 judg\$4 reference threshold threshold range)	US-PGPUB; USPAT; JPO	OR	ON	2010/07/06 15:41
S63	7	S58 and S62	US-PGPUB; USPAT; JPO	OR	ON	2010/07/06 15:41
S64	1	("6219023").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/06 15:46
S65	2	"06219023"	US-PGPUB; USPAT; JPO	OR	ON	2010/07/06 15:47
S66	5	S58 and (host computer pc terminal)	US-PGPUB; USPAT; JPO	OR	ON	2010/07/06 16:01
S67	28	((label tape) near1 (printer printing adj (device unit apparatus machine)) labeler labeller) near4 (message alert\$4 warn\$4 caution\$3 signal) near4 (status "out" consumable state jam\$4)	US-PGPUB; USPAT; JPO	OR	ON	2010/07/06 16:04
S68	643	(pc computer host) near4 (label tape) near1 printer	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/06 16:36
S69	81	(pc computer host) near4 (labeler labeller)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/06 16:36
S70	723	S68 S69	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/06 16:36
S71	643	(pc computer host) near4 (label tape) near1 printer	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/07 07:08
S72	81	(pc computer host) near4 (labeler labeller)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/07 07:08
S73	723	S71 S72	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/07 07:08
S74	539	S73 and (message warn\$3 alert\$4 status state (signal) near2 (indicat\$4 communicat\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/07 07:08
S75	304	S74 and @ad< "20040220"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/07 07:12
S76	141	S73 and (message warn\$3 alert\$4 status state (signal) near2 (indicat\$4 communicat\$4)) near4 (computer host pc terminal remote\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/07 07:28
S77	95	S75 and S76	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/07 07:28
S78	109435	"400"/\$.ccls. "347"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/07 07:35

S79	1606	(pc computer host terminal) near4 (label tape) near1 print\$3 (pc computer host terminal) near4 (labeler labeller)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/07 07:36
S80	135	S78 and S79 and @ad< "20040220"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/07 07:36
S81	7814226	(message warn\$3 alert\$4 status state indicat\$4 communicat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/07 07:44
S82	130	S80 and S81	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/07 07:45
S83	874582	(message warn\$3 alert\$4 status state indicat\$4 communicat\$4) near6 (pc terminal remote\$2 computer host)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/07 08:04
S84	4774	S78 and S83 and @ad< "20040220"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/07 08:04
S85	14	S76 and S84	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/07 08:05

**EAST Search History (Interference)**

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